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FORM PTO-1390  
(REV 10-94)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

DOCKET #: 3457-66PUS

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING  
UNDER 35 U.S.C. 371**

U.S. APPLICATION NO.

(known see 37 CFR 1.5)  
**097763086**

INTERNATIONAL APPLICATION NO.

**PCT/DE99/02599**

INTERNATIONAL FILING DATE

**August 19, 1999**

PRIORITY DATE CLAIMED

**198 37 692.8**

TITLE OF INVENTION

**Drilling Device and Method for Drilling a Well**

APPLICANT(S) FOR DO/EO/US

**Thorsten DIRKS and Johannes MOSS**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
6. ☒ ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
7. ☐ has been transmitted by the International Bureau.
8. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
9. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
10. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
11. ☒ ☒ are transmitted herewith (required only if not transmitted by the International Bureau).
12. ☐ have been transmitted by the International Bureau.
13. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
14. ☐ have not been made and will not be made.
15. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
16. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
17. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. Below concern other document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Other items or information (*specify*): PCT Publication Sheet, Int'l Preliminary Examination Report, Int'l Search Report

U.S. APPLICATION NO. (if known) 09/703086

INTERNATIONAL APPLICATION  
PCT/DE99/02599ATTORNEY'S DOCKET NUMBER  
3457-66PUS

17.[x]The following fees are submitted:

**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**

Search Report has been prepared by the EPO or JPO ..... \$840.00  
 International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$670.00  
 No international preliminary examination fee paid to USPTO (37 CFR 1.482)  
 but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$760.00  
 Neither international preliminary examination fee (37 CFR 1.482)  
 nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$970.00  
 International preliminary examination fee paid to USPTO (37 CFR 1.482)  
 and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months  
 from the earliest claimed priority date (37 CFR 1.492(e)).

\$

Claims

Number Filed

Number Extra

Rate

Total Claims

30- 20 =

10

x \$18.00

\$ 180.00

Independent Claims

1- 3 =

0

x \$78.00

\$

Multiple dependent claim(s) (if applicable)

+ \$260.00

\$

TOTAL OF ABOVE CALCULATIONS =

\$ 1020.00

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity statement  
 must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

\$

SUBTOTAL =

\$ 1020.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
 months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 1020.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
 accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$

TOTAL FEES ENCLOSED

\$1020.00

Amount to be refunded:

\$

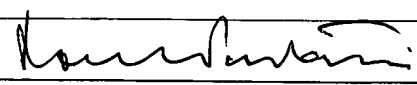
charged:

\$

- a. [x] One check(s) in the amount(s) of \$ 1020 to cover the above fees is/are enclosed.  
 b. ☐ Please charge my Deposit Account No. 03-2412 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of  
 this sheet is enclosed.  
 c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
 overpayment to Deposit Account No. 03-2412. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive  
 (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:  
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1005 073 21 0740370001001

By Express Mail  
No. EL727707321US

Attorney Docket #3457-66PUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase PCT Application of

Thorsten DIRKS et al.

Int'l PCT Appln. No.: PCT/DE99/02599

Int'l Filing Date: August 19, 1999

For: Drilling Device and Method for  
Drilling a Well

Check box if applicable:

☐ DUPLICATE

GENERAL AUTHORIZATION FOR PAYMENT OF FEES  
AND PETITIONS FOR EXTENSIONS OF TIME

*Submit an original and a duplicate for fee processing*

Assistant Commissioner for Patents

BOX PATENT APPLICATION

Washington, DC 20231


Sir:

The Commissioner is hereby authorized to credit overpayments or charge the following fees to

Deposit Account No. 03-2412

- [X] Any filing fees required under 37 CFR §1.16.
- [X] Any patent application processing fees under 37 CFR §1.17 not otherwise paid by check.
- [X] The issue fee set in 37 CFR 1.18 at 3 months from mailing of the Notice of Allowance, pursuant to 37 CFR 1.311 (b) provided the fee has not already been paid by check.
- [X] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By 

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Dated: February 16, 2001

0095006-072701